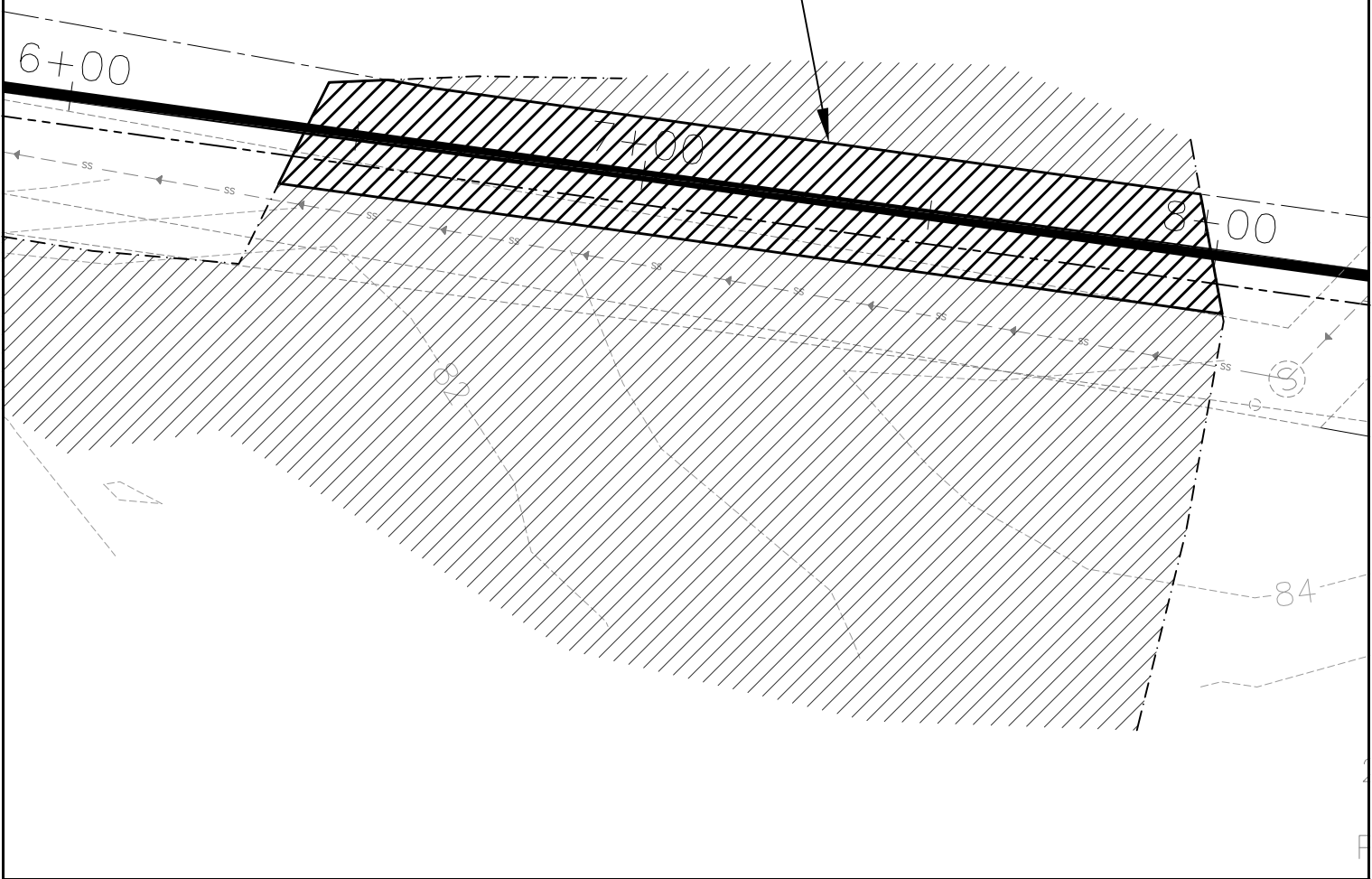


1) FORESTED WETLAND CONVERSION
IMPACT = 3,158.22 SQ.FT.
(0.07 ACRES)

VARIABLE WIDTH
UTILITY EASEMENT
DB ____ PG ____



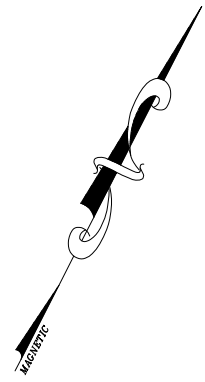
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				Site Development	Residential	Infrastructure	Technology
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN			SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
	HANOVER COUNTY, VIRGINIA						
SHEET NO. 1 OF 17	WETLAND IMPACTS MAP - DETAIL			CHECKED BY J. SWANN	DESIGNED BY		

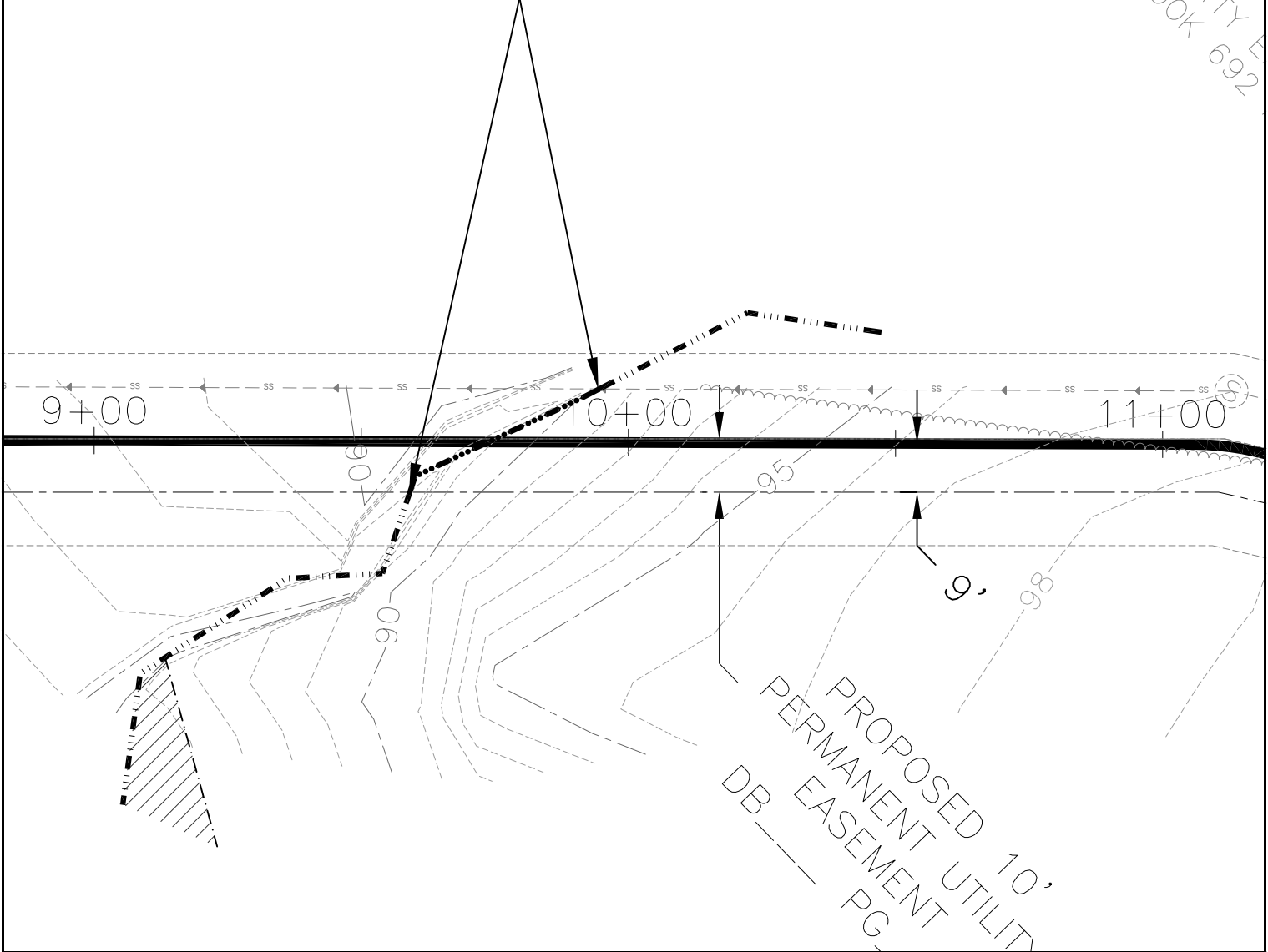
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LAND DEVELOPERS, INC.
DEED BOOK 648 PAGE 715
GPIN 8714-60-4110



16' UTILITY EASEMENT
DEED BOOK 692

2) TEMPORARY WATERS OF
THE U.S. IMPACT = 41.65
L.F. (291.55 SQ.FT.)



PROPOSED 10'
PERMANENT UTILITY
EASEMENT
PG

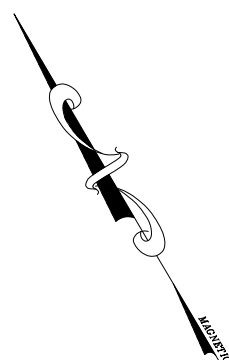
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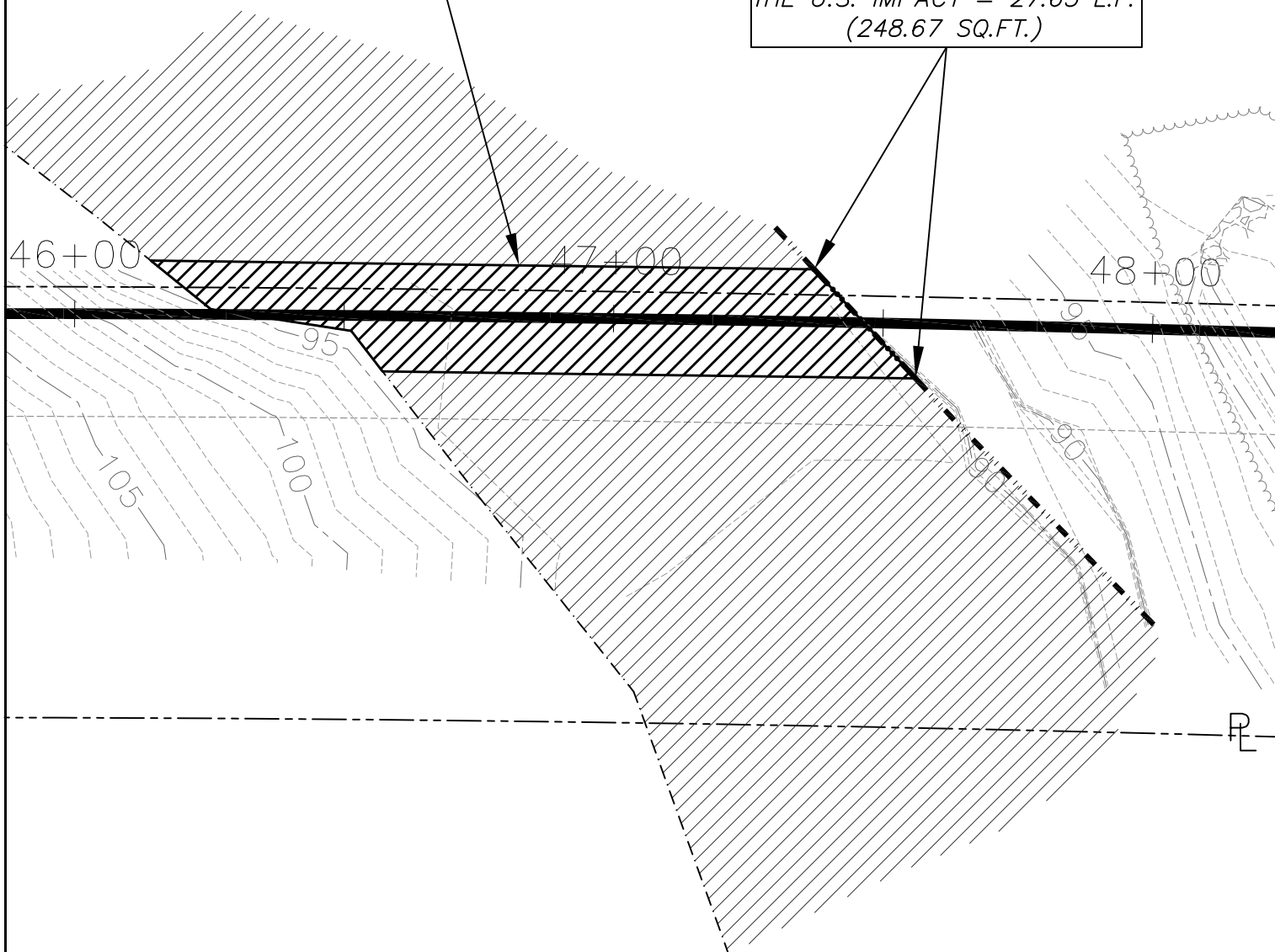
				Site Development	Residential	Infrastructure	Technology
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN			SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
	HANOVER COUNTY, VIRGINIA						
SHEET NO. 2 OF 17	WETLAND IMPACTS MAP - DETAIL			CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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3) FORESTED WETLAND CONVERSION
IMPACT = 2,212.72 SQ.FT.
(0.05 ACRES)

4) TEMPORARY WATERS OF
THE U.S. IMPACT = 27.63 L.F.
(248.67 SQ.FT.)



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Site Development Residential Infrastructure Technology

JOB NO.
19755

POWHITE CREEK PUMP STATION AND FORCE MAIN

SCALE
1" = 30'

DATE
11-08-05

DATE

REVISION DESCRIPTION

SHEET NO.
3 OF 17

HANOVER COUNTY, VIRGINIA

WETLAND IMPACTS MAP - DETAIL

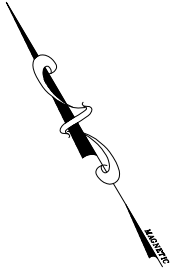
CHECKED BY

DRAWN BY
J. SWANN

DESIGNED BY

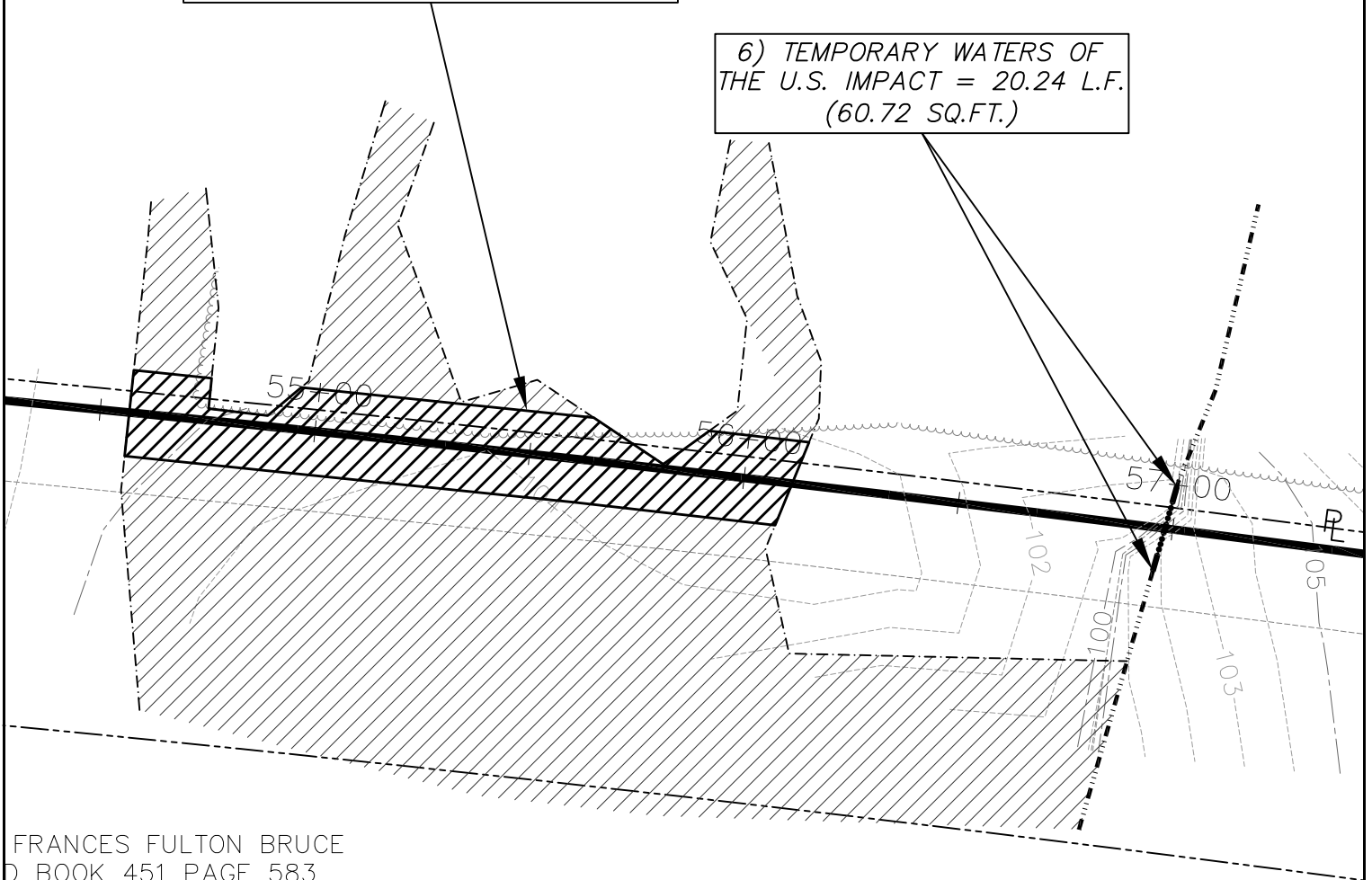
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MARY FRANCES FULTON BRUCE
DEED BOOK 451 PAGE 583
GPIN 8713-88-8990



5) FORESTED WETLAND CONVERSION
IMPACT = 2,842.94 SQ.FT.
(0.07 ACRES)

6) TEMPORARY WATERS OF
THE U.S. IMPACT = 20.24 L.F.
(60.72 SQ.FT.)



FRANCES FULTON BRUCE
D BOOK 451 PAGE 583
GPIN 8713-88-8990

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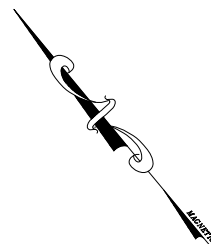
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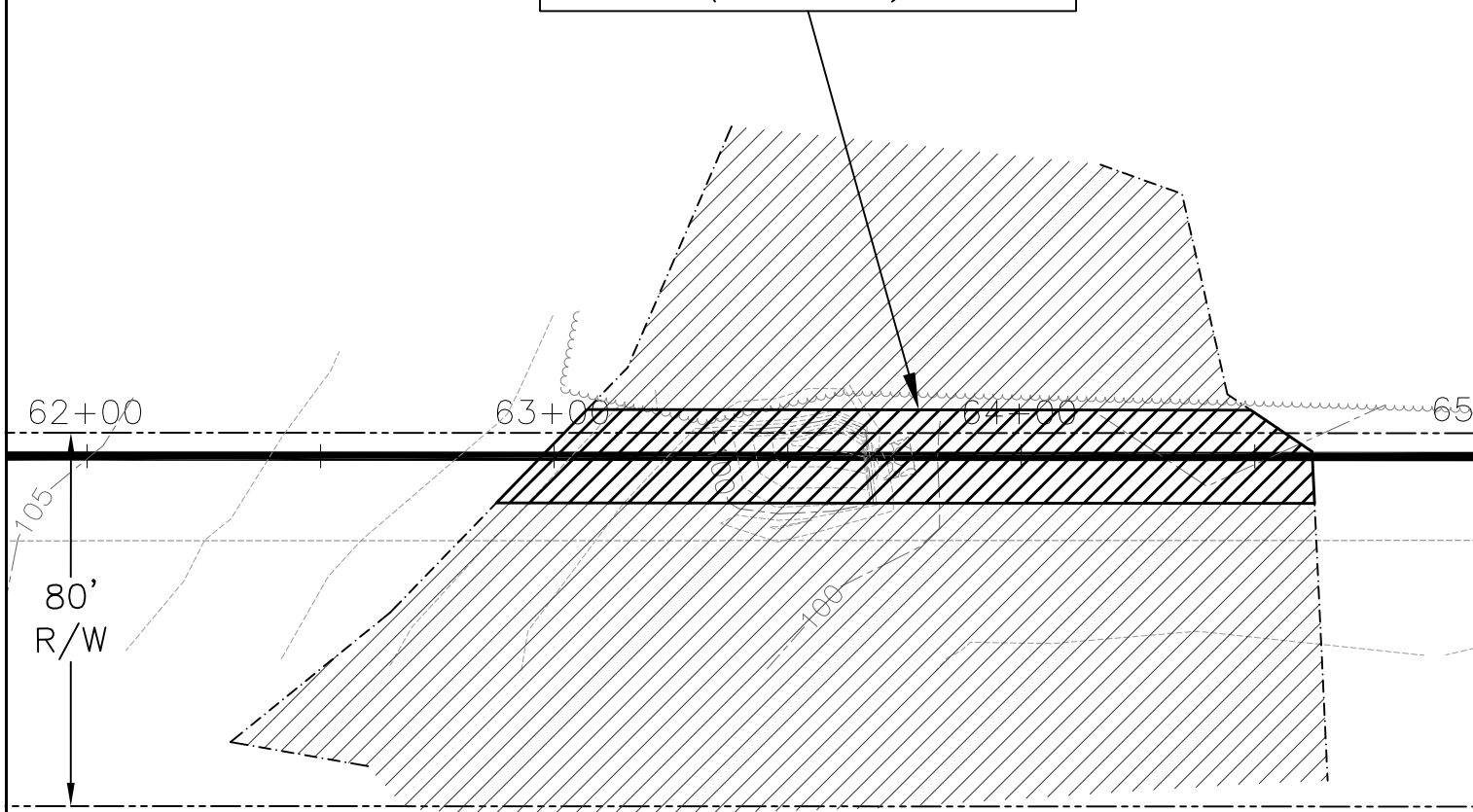
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION			
SHEET NO. 4 OF 17				CHECKED BY	DRAWN BY J. SWANN	DESIGNED BY		
WETLAND IMPACTS MAP - DETAIL								

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MARY FRANCES FULTON BRUCE
DEED BOOK 451 PAGE 583
GPIN 8713-88-8990



7) FORESTED WETLAND CONVERSION
IMPACT = 3,240.45 SQ.FT.
(0.07 ACRES)



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GPIN 8713-88-8990

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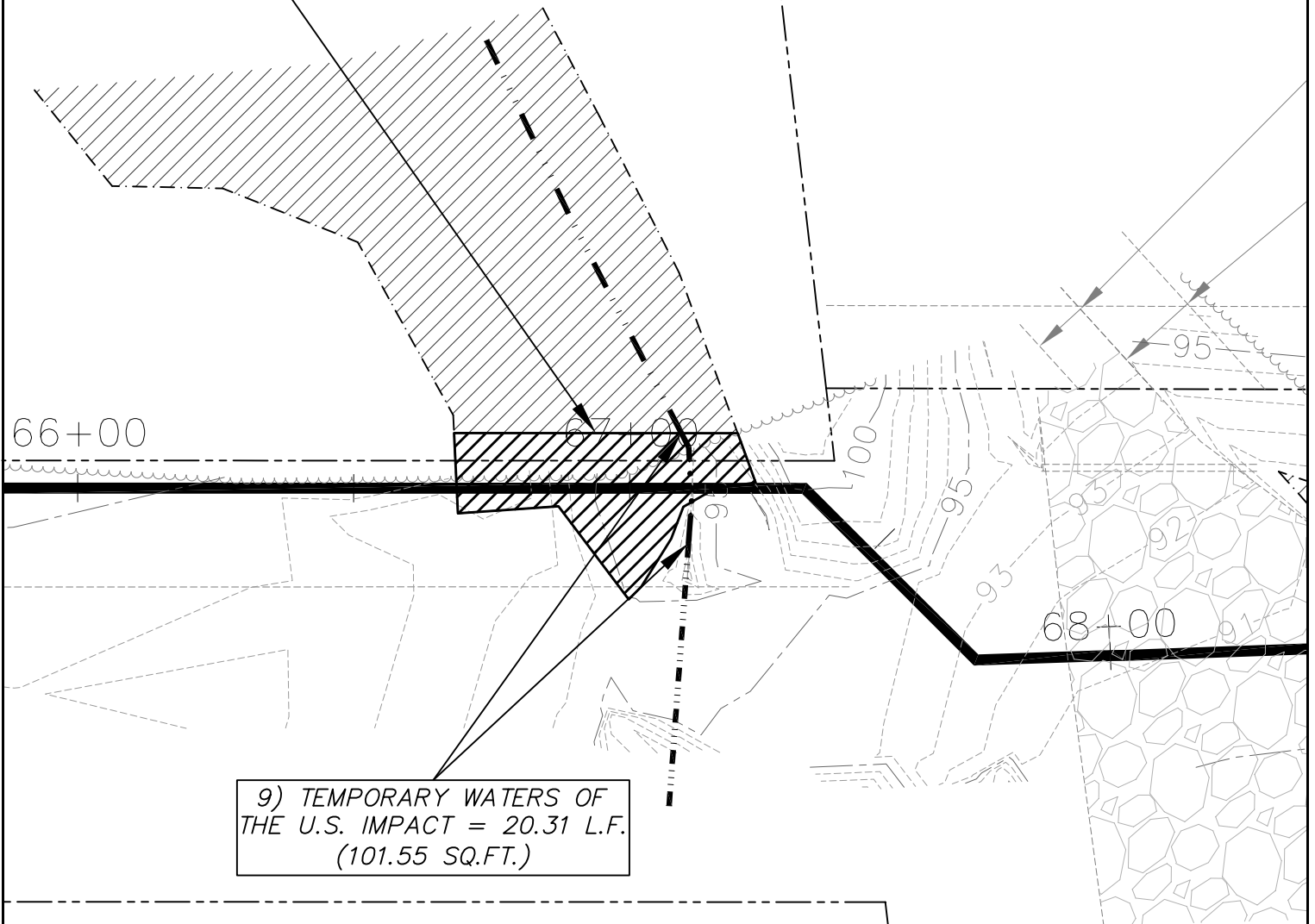
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JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE		REVISION DESCRIPTION	
SHEET NO. 5 OF 17				CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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8) FORESTED WETLAND CONVERSION
 IMPACT = 886.16 SQ.FT.
 (0.02 ACRES)



9) TEMPORARY WATERS OF
 THE U.S. IMPACT = 20.31 L.F.
 (101.55 SQ.FT.)

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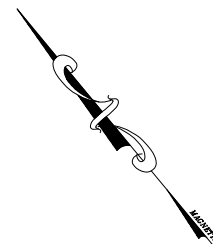
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JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 6 OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

WETLAND IMPACTS MAP - DETAIL

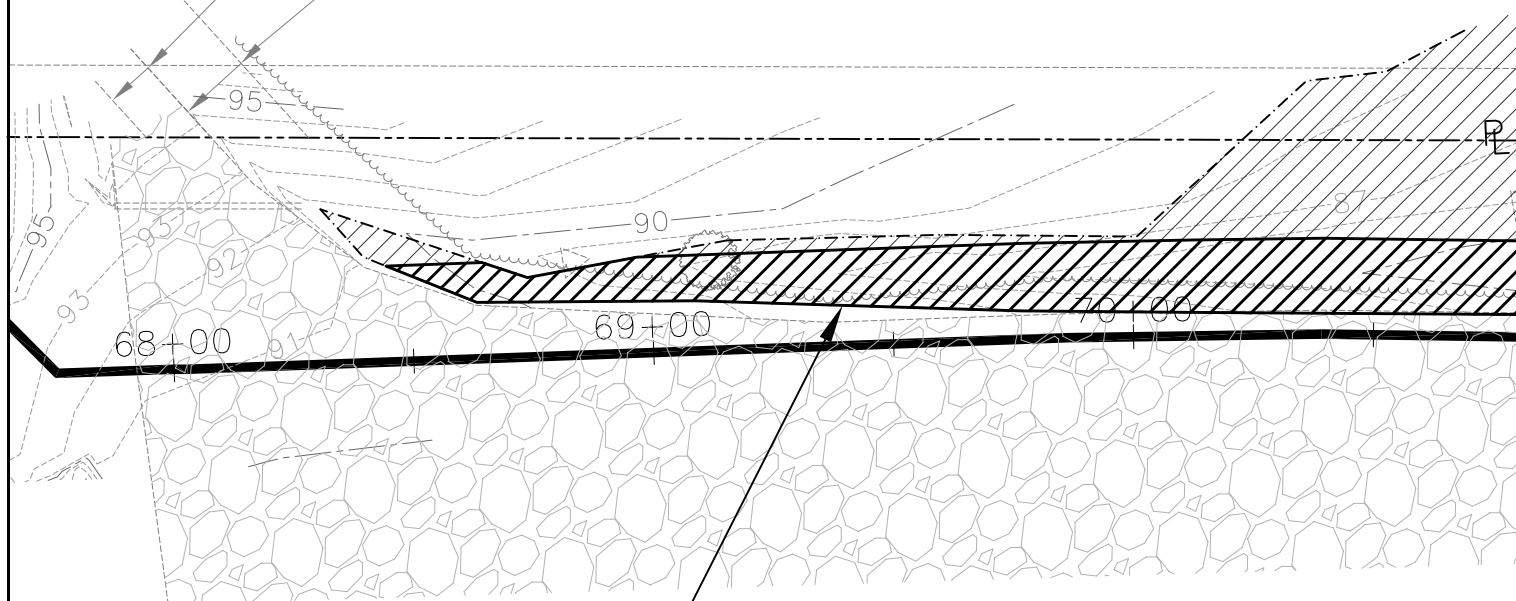
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APPROXIMATE LOCATION OF
EXISTING 10' BELL ATLANTIC EASEMENT
DEED BOOK 1226 PAGE 740

APPROXIMATE LOCATION OF
EXISTING 15' VA. POWER EASEMENT
DEED BOOK 1220 PAGE 511

EXISTING 15' VA.
DEED BOOK



10) FORESTED WETLAND CONVERSION
IMPACT = 9,569.37 SQ.FT.
(0.22 ACRES)

TIDEWATER MA
DEED BOOK
871

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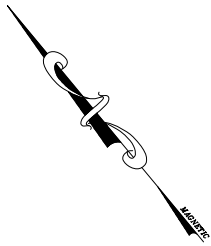
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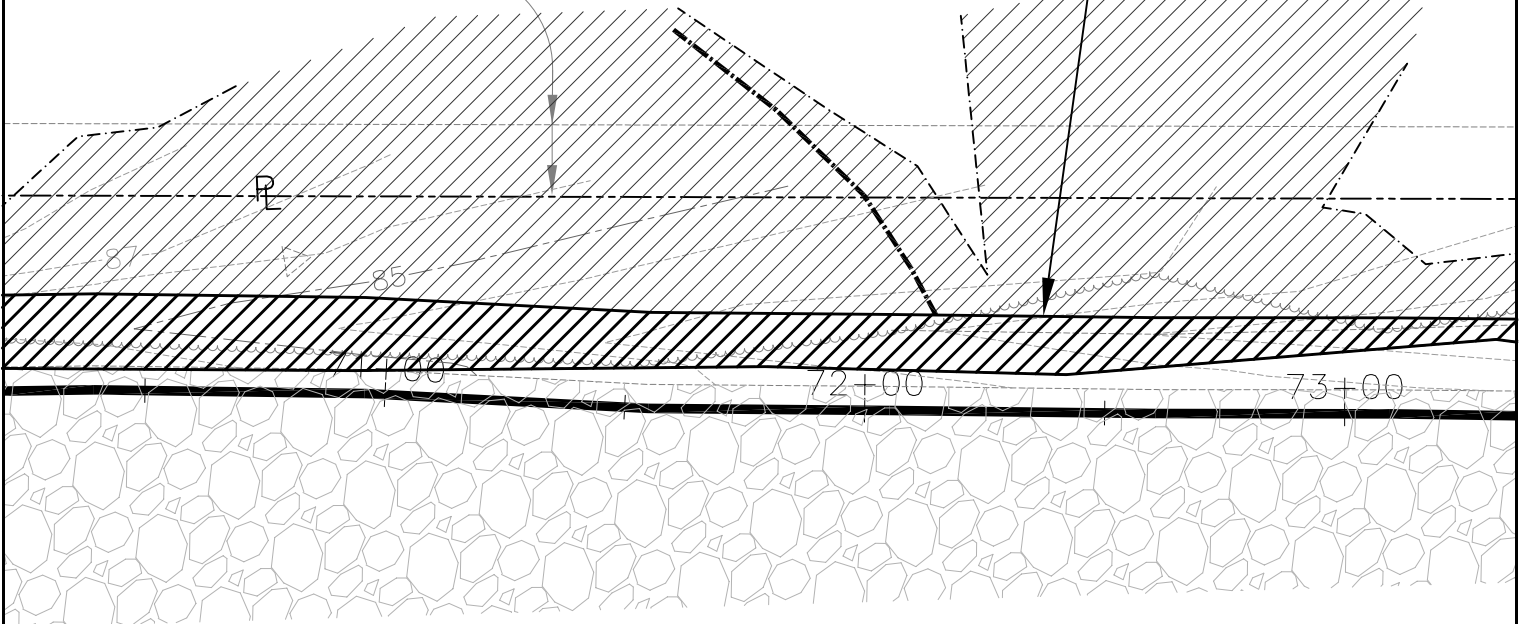
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 7A OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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10) FORESTED WETLAND CONVERSION
IMPACT = 9,569.37 SQ.FT.
(0.22 ACRES)

EXISTING 15' VA. POWER EASEMENT
DEED BOOK 775 PAGE 234



TIDEWATER MATERIALS CORPORATION
DEED BOOK 702 PAGE 721 GPIN
8713-97-2260

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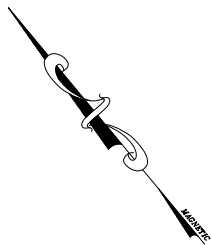
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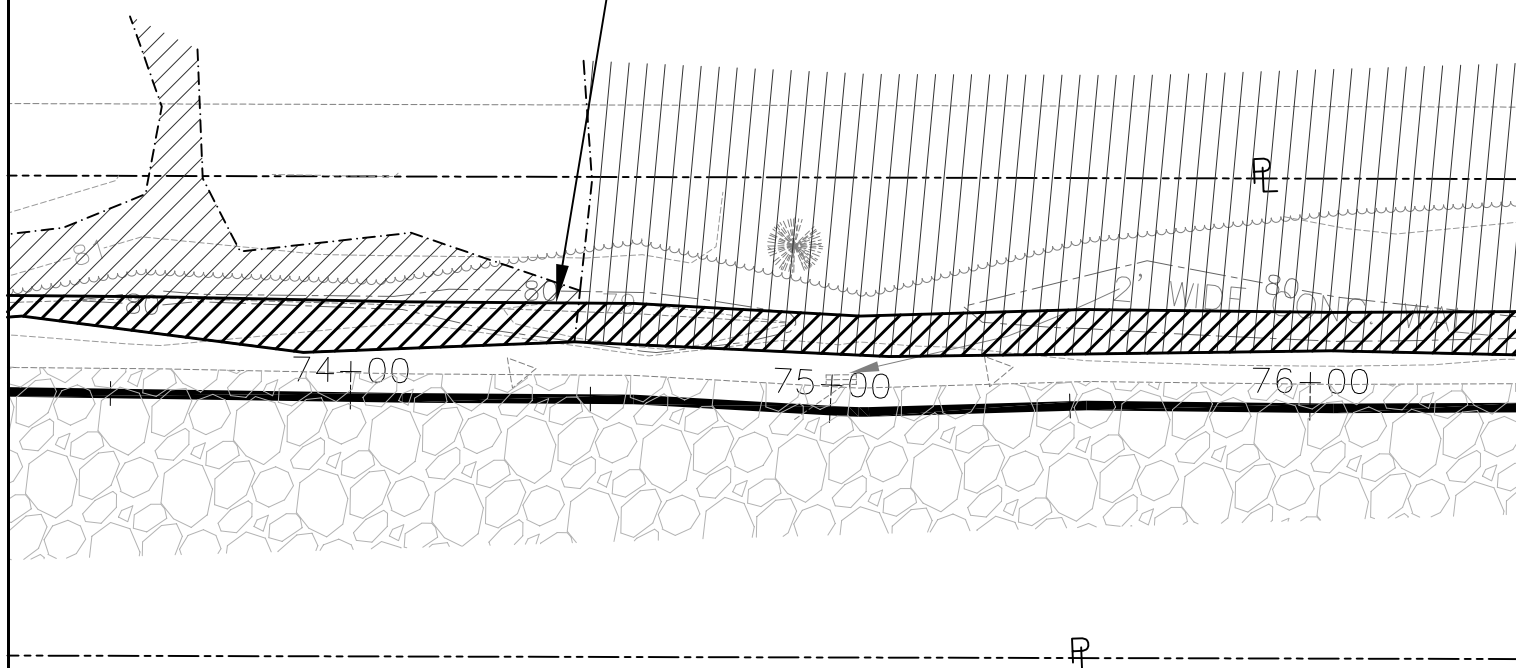
Site Development Residential Infrastructure Technology

JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE		REVISION DESCRIPTION
SHEET NO. 7B OF 17				CHECKED BY	DRAWN BY J. SWANN	

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10) FORESTED WETLAND CONVERSION
IMPACT = 9,569.37 SQ.FT.
(0.22 ACRES)



TIDEWATER MATERIALS CO
DEED BOOK 702 PAGE
8713-97-2260

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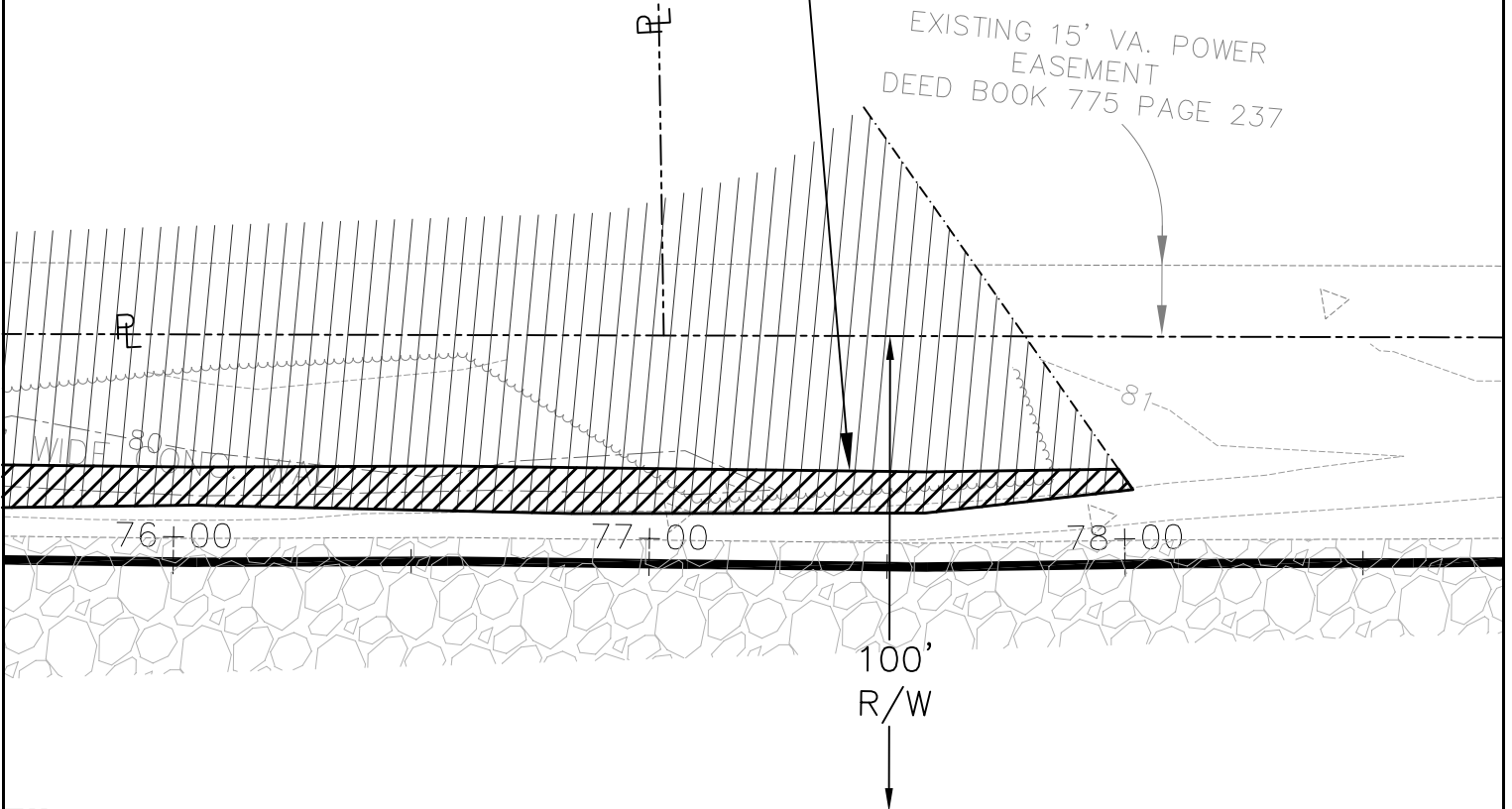
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 7C OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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C. EDWARD AIGNER, JR. AND
LOIS A. AIGNER
DEED BOOK 508 PAGE 508
GPIN 8723-07-2669

10) FORESTED WETLAND CONVERSION
IMPACT = 9,569.37 SQ.FT.
(0.22 ACRES)

EXISTING 15' VA. POWER
EASEMENT
DEED BOOK 775 PAGE 237



TIDEWATER MATERIALS CORPORATION
DEED BOOK 702 PAGE 721 GPIN
8713-97-2260

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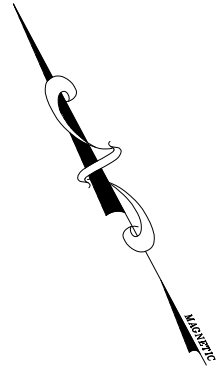
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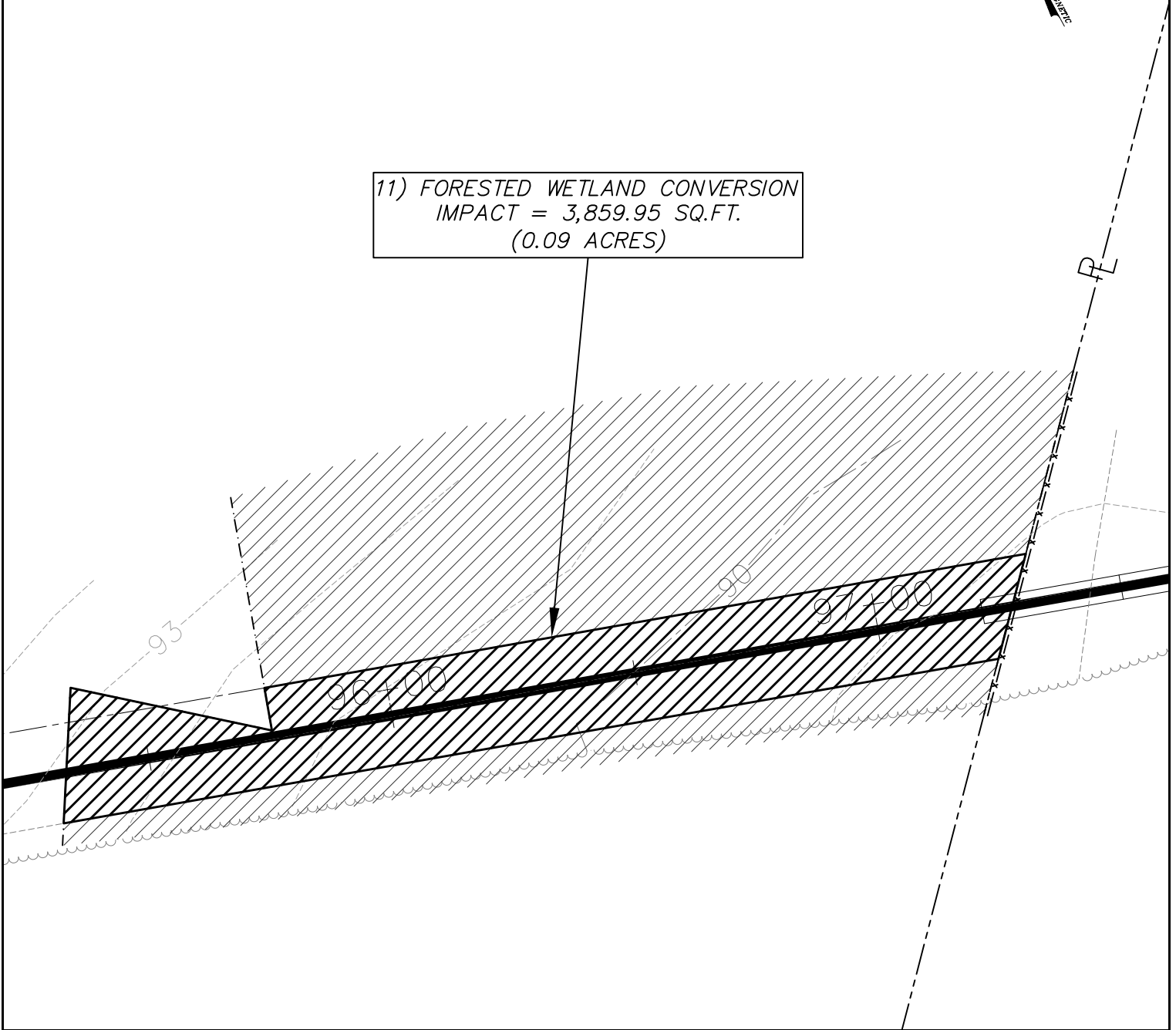
Site Development Residential Infrastructure Technology

JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 7D OF 17	HANOVER COUNTY, VIRGINIA	CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	
	WETLAND IMPACTS MAP - DETAIL				

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11) FORESTED WETLAND CONVERSION
IMPACT = 3,859.95 SQ.FT.
(0.09 ACRES)



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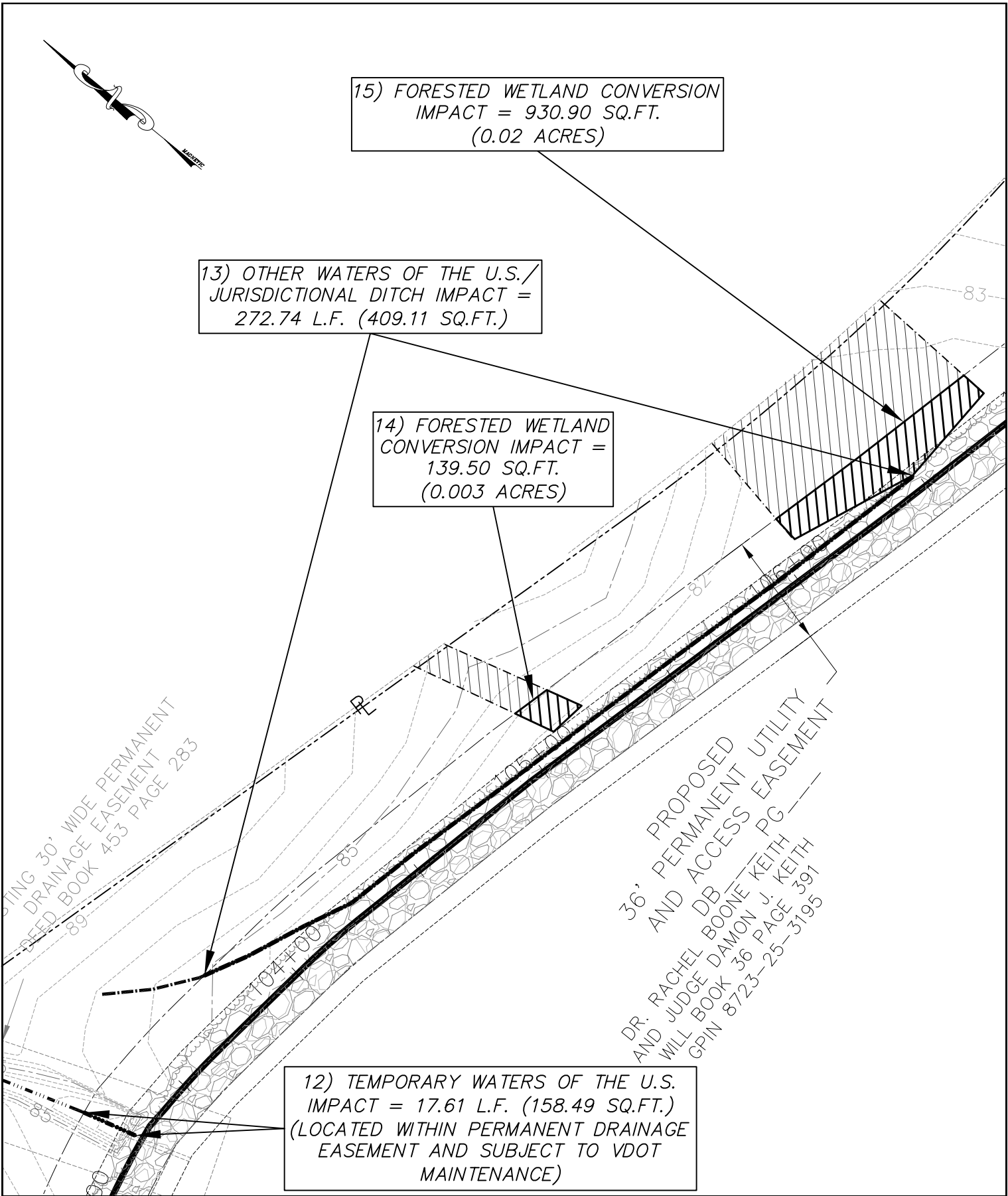
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JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 8 OF 17				DESIGNED BY	
	WETLAND IMPACTS MAP - DETAIL	CHECKED BY	DRAWN BY J. SWANN		

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Site Development Residential Infrastructure Technology

JOB NO.
19755 POWHITE CREEK PUMP STATION AND FORCE MAIN

SCALE
1" = 40'

DATE
11-08-05

DATE

REVISION DESCRIPTION

SHEET NO.
9 OF 17 HANOVER COUNTY, VIRGINIA

WETLAND IMPACTS MAP - DETAIL

CHECKED BY
J. SWANN

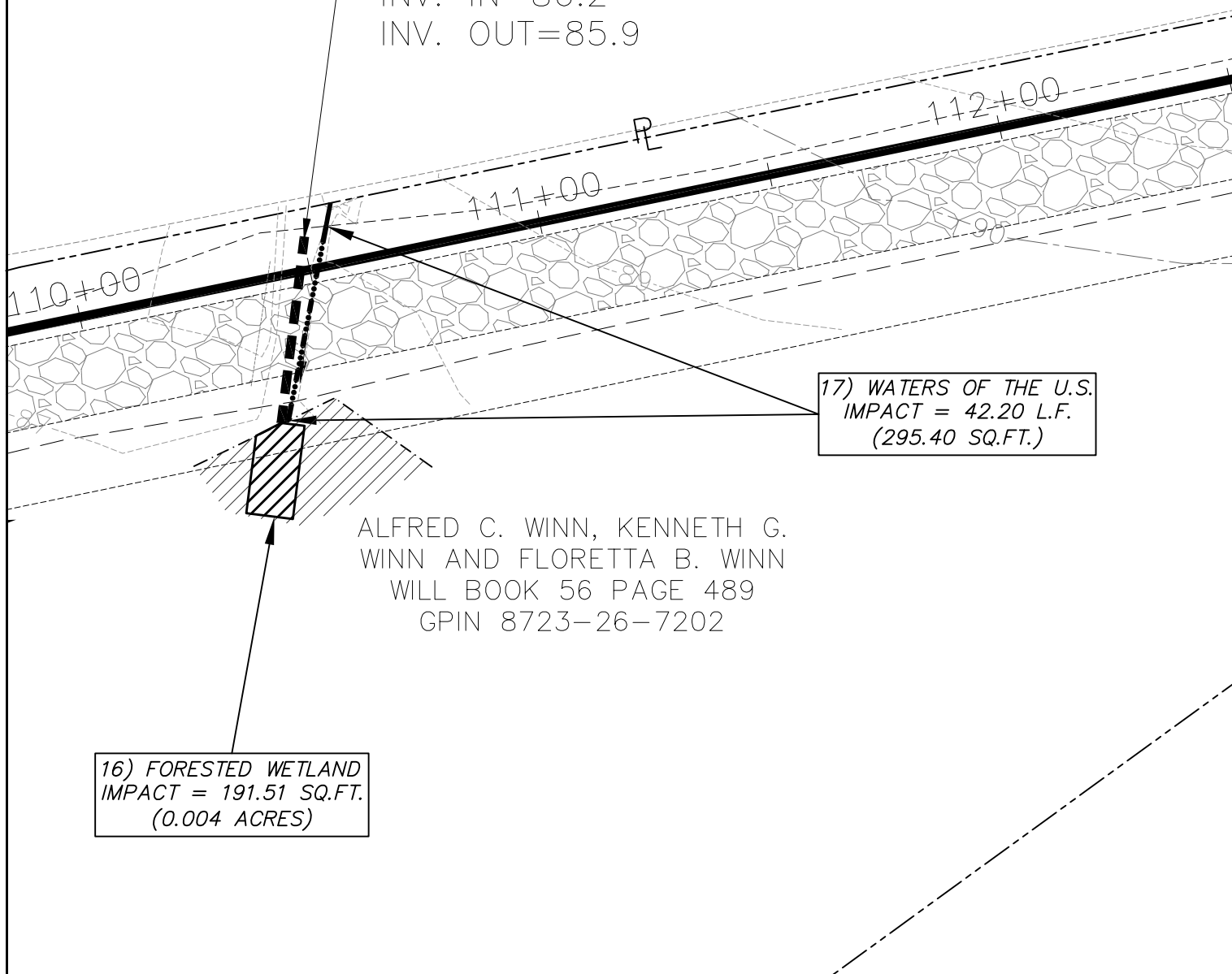
DRAWN BY
J. SWANN

DESIGNED BY

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STA. 3+50
40'-24" RCP CIII REQ'D.
20° SKEW
INV. IN=86.2
INV. OUT=85.9



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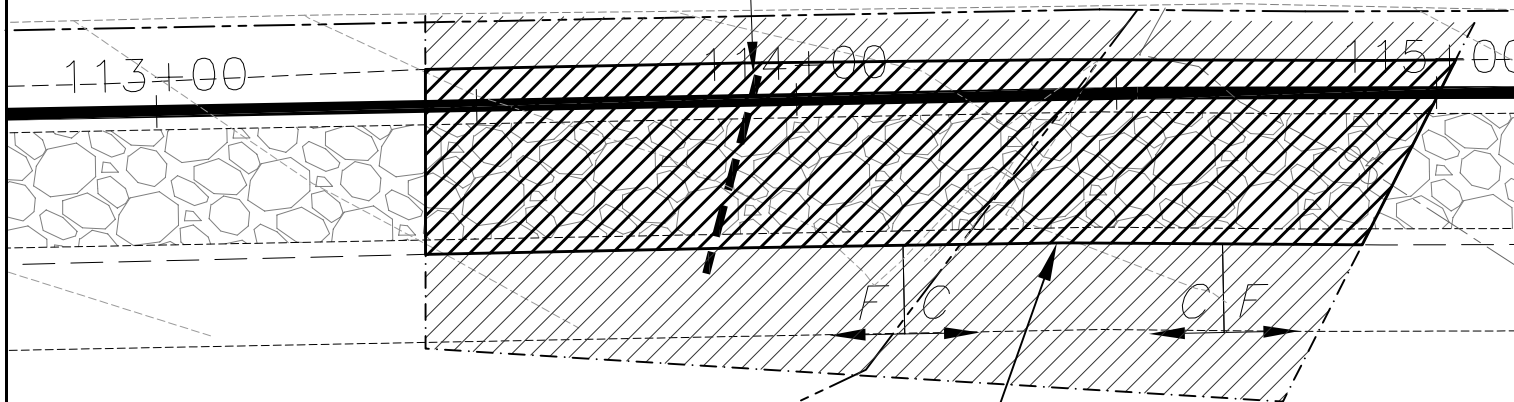
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 10 OF 17	HANOVER COUNTY, VIRGINIA	CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	
	WETLAND IMPACTS MAP - DETAIL				

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STA. 47+50
 32'-15" RCP CIII REQ'D.
 0° SKEW
 INV. IN=
 INV. OUT=



I-295



18) FORESTED WETLAND
 IMPACT = 4,424.43 SQ.FT.
 (0.10 ACRES)

E. WINCEL BROOKS &
 KATHLEEN G. BROOKS
 DEED BOOK 453 PAGE 274
 GPIN 8723-26-9160

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Site Development | Residential | Infrastructure | Technology

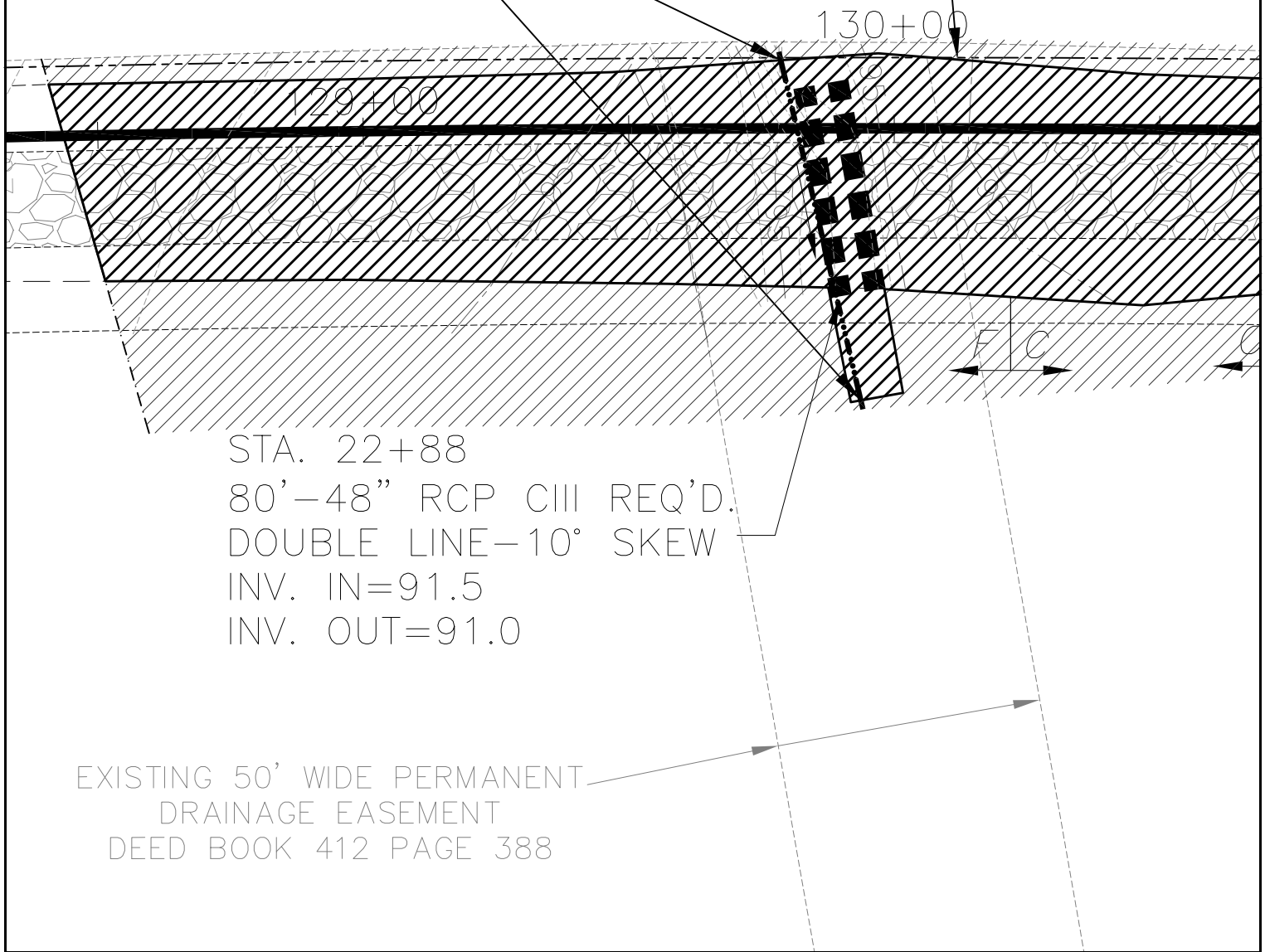
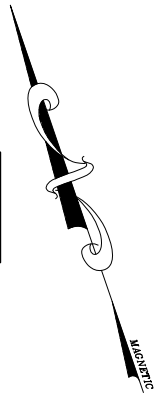
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 11 OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

WETLAND IMPACTS MAP - DETAIL

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19) WATERS OF THE U.S. IMPACT =
65.85 L.F. (526.80 SQ.FT.)
(LOCATED WITHIN PERMANENT DRAINAGE
EASEMENT AND SUBJECT TO VDOT
MAINTENANCE)

20) FORESTED WETLAND
IMPACT = 13,481.54 SQ.FT.
(0.31 ACRES)



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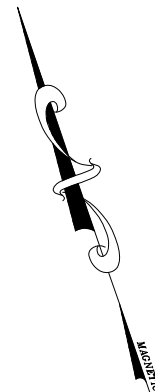
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Site Development Residential Infrastructure Technology

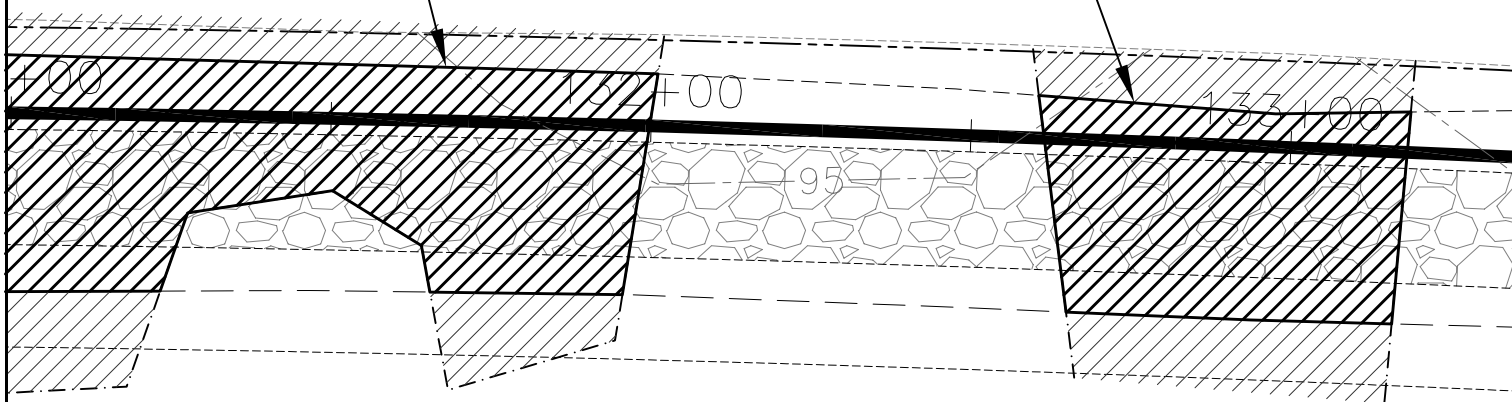
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 12A OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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20) FORESTED WETLAND
IMPACT = 13,481.54 SQ.FT.
(0.31 ACRES)

21) FORESTED WETLAND
IMPACT = 1,792.29 SQ.FT.
(0.04 ACRES)



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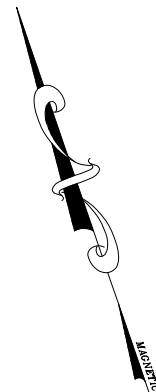
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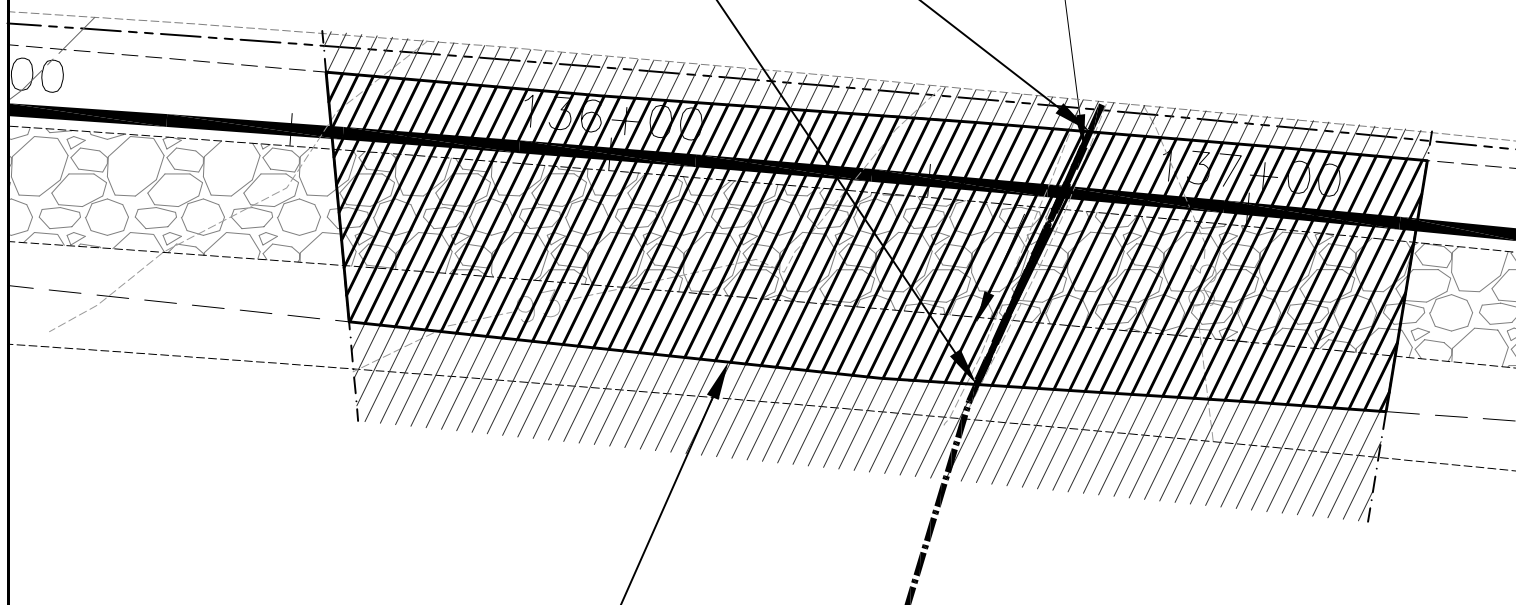
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 12B OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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STA. 29+68
40'-15" RCP CIII REQ'D.
20° SKEW
INV. IN=91.8
INV. OUT=91.2

22) OTHER WATERS OF
THE U.S. IMPACT = 43.27
L.F. (216.35 SQ.FT.)



23) FORESTED WETLAND
IMPACT = 6,692.60 SQ.FT.
(0.15 ACRES)

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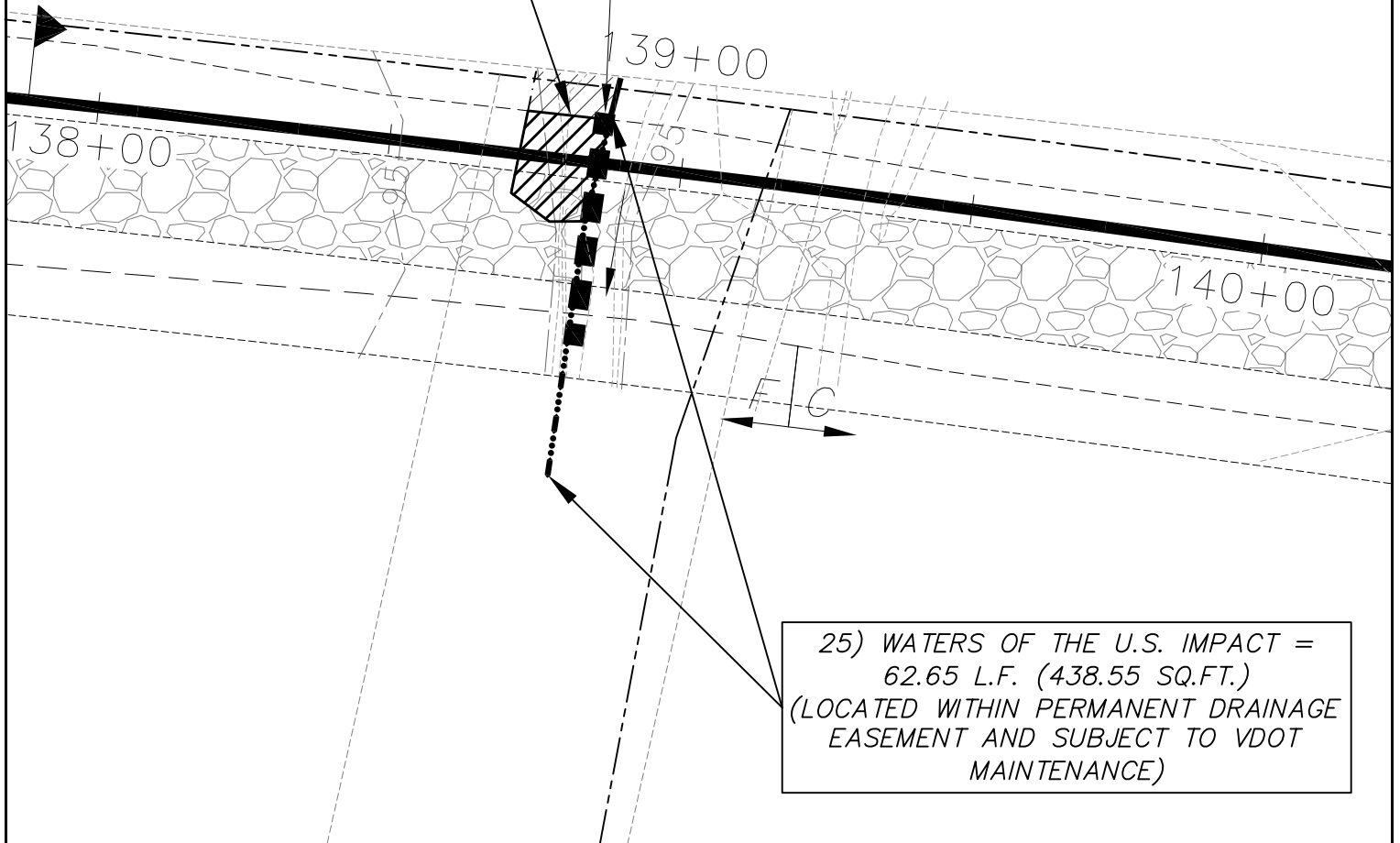
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN	SCALE 1" = 30'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 13 OF 17	HANOVER COUNTY, VIRGINIA	CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	
	WETLAND IMPACTS MAP - DETAIL				

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24) FORESTED WETLAND
IMPACT = 235.04 SQ.FT.
(0.01 ACRES)

STA. 31+88
40'-42" RCP CIII REQ'D.
0° SKEW
INV. IN=91.6
INV. OUT=91.2

I-295



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Site Development Residential Infrastructure Technology

JOB NO.
19755 POWHITE CREEK PUMP STATION AND FORCE MAIN

HANOVER COUNTY, VIRGINIA

SCALE
1" = 30'

DATE
11-08-05

DATE

REVISION DESCRIPTION

SHEET NO.
14 OF 17

WETLAND IMPACTS MAP - DETAIL

CHECKED BY
J. SWANN

DRAWN BY
J. SWANN

DESIGNED BY

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27) FORESTED WETLAND
IMPACT = 23,234.06 SQ.FT.
(0.53 ACRES)

STA. 41+80
80'-48" RCP CIII
DOUBLE LINE-10°
INV. IN=85.5
INV. OUT=85.2

26) WATERS OF THE U.S.
IMPACT = 79.64 L.F.
(318.56 SQ.FT.)

PROPOSED 20' WIDE
PERMANENT DRAINAGE
EASEMENT
DEED BOOK --- PAGE ---

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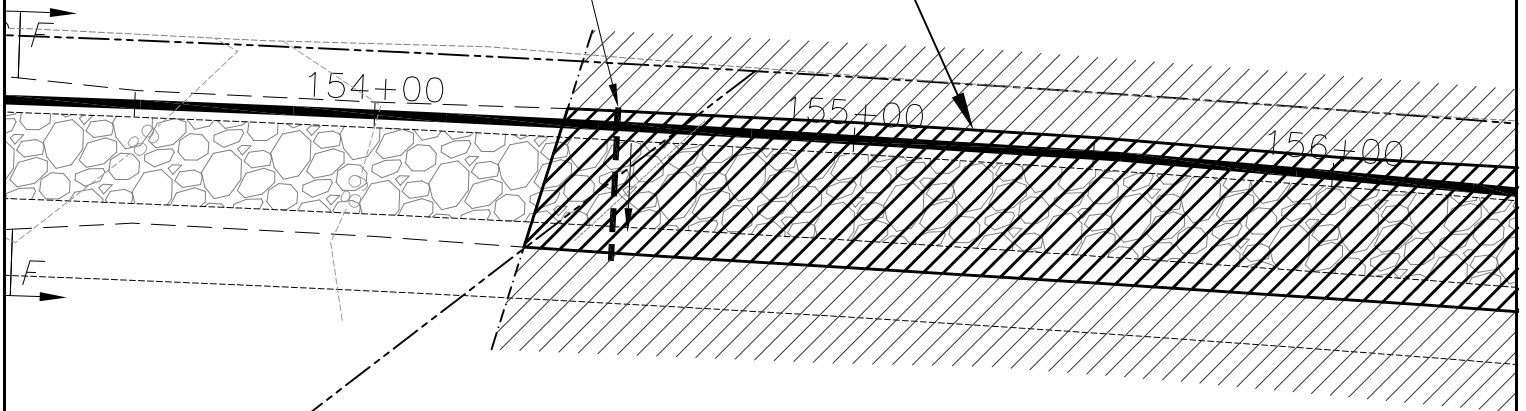
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JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN HANOVER COUNTY, VIRGINIA	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 15A OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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28) FORESTED WETLAND
IMPACT = 25,391.11 SQ.FT.
(0.58 ACRES)

STA. 47+50
32'-15" RCP CIII REQ'D.
0° SKEW
INV. IN=88.4
INV. OUT=88.2



STA. 49+50
32'-15" RCP CIII REQ'D.
0° SKEW
INV. IN=88.5
INV. OUT=87.9

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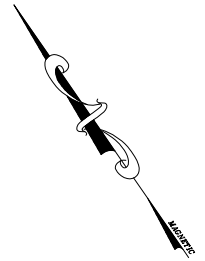
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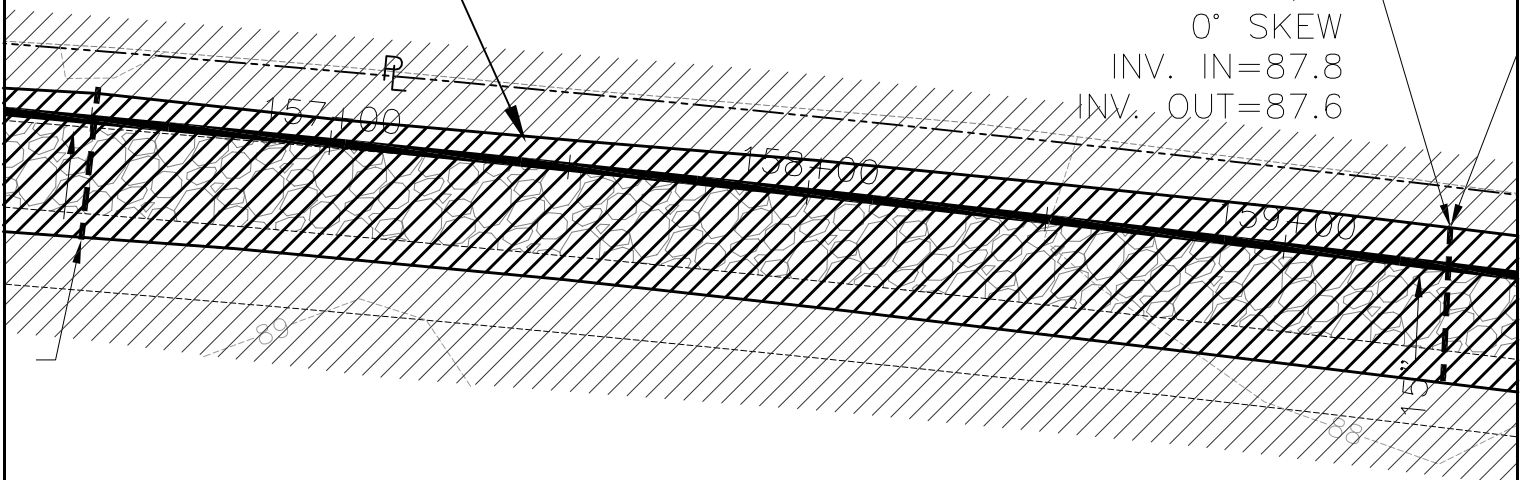
JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN			SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 16A OF 17	HANOVER COUNTY, VIRGINIA WETLAND IMPACTS MAP - DETAIL			CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

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28) FORESTED WETLAND
IMPACT = 25,391.11 SQ.FT.
(0.58 ACRES)

STA. 52+30
32'-15" RCP CIII REQ'D.
0° SKEW
INV. IN=87.8
INV. OUT=87.6



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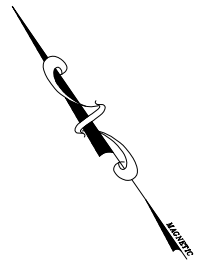
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JOB NO. 19755	POWHITE CREEK PUMP STATION AND FORCE MAIN	SCALE 1" = 40'	DATE 11-08-05	DATE	REVISION DESCRIPTION
SHEET NO. 16B OF 17	HANOVER COUNTY, VIRGINIA WETLAND IMPACTS MAP - DETAIL	CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

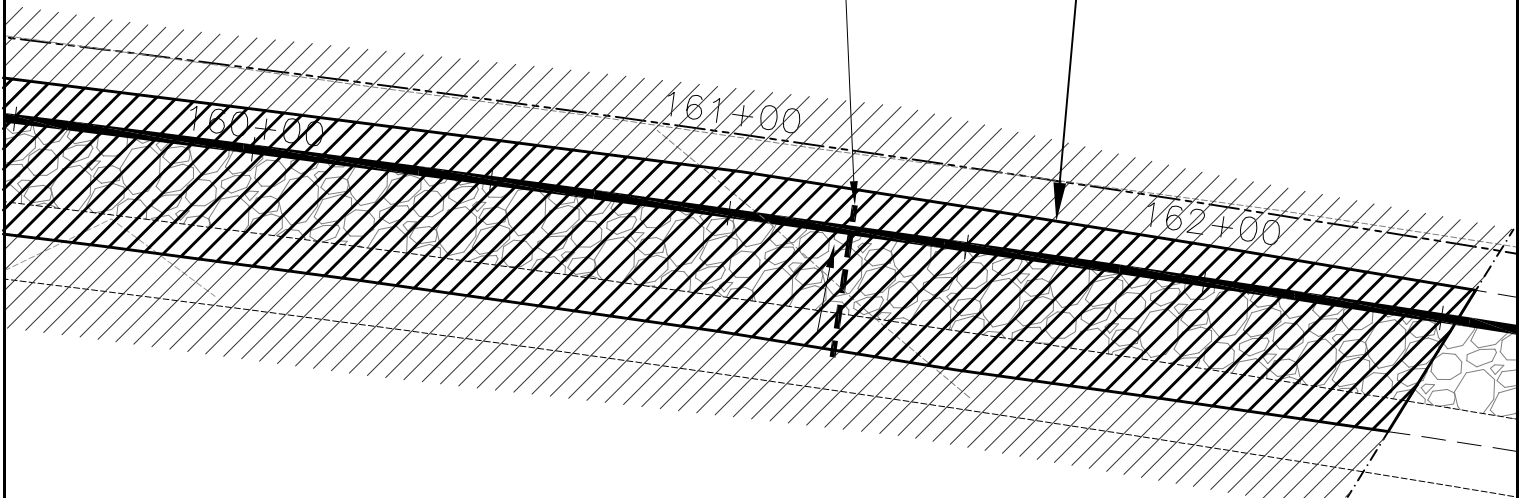
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STA. 54+20
32'-15" RCP CIII REQ'D.
0° SKEW
INV. IN=87.2
INV. OUT=87.0

28) FORESTED WETLAND
IMPACT = 25,391.11 SQ.FT.
(0.58 ACRES)

STA. 52+30
32'-15" RCP CIII REQ'D.
0° SKEW
INV. IN=87.8
INV. OUT=87.6



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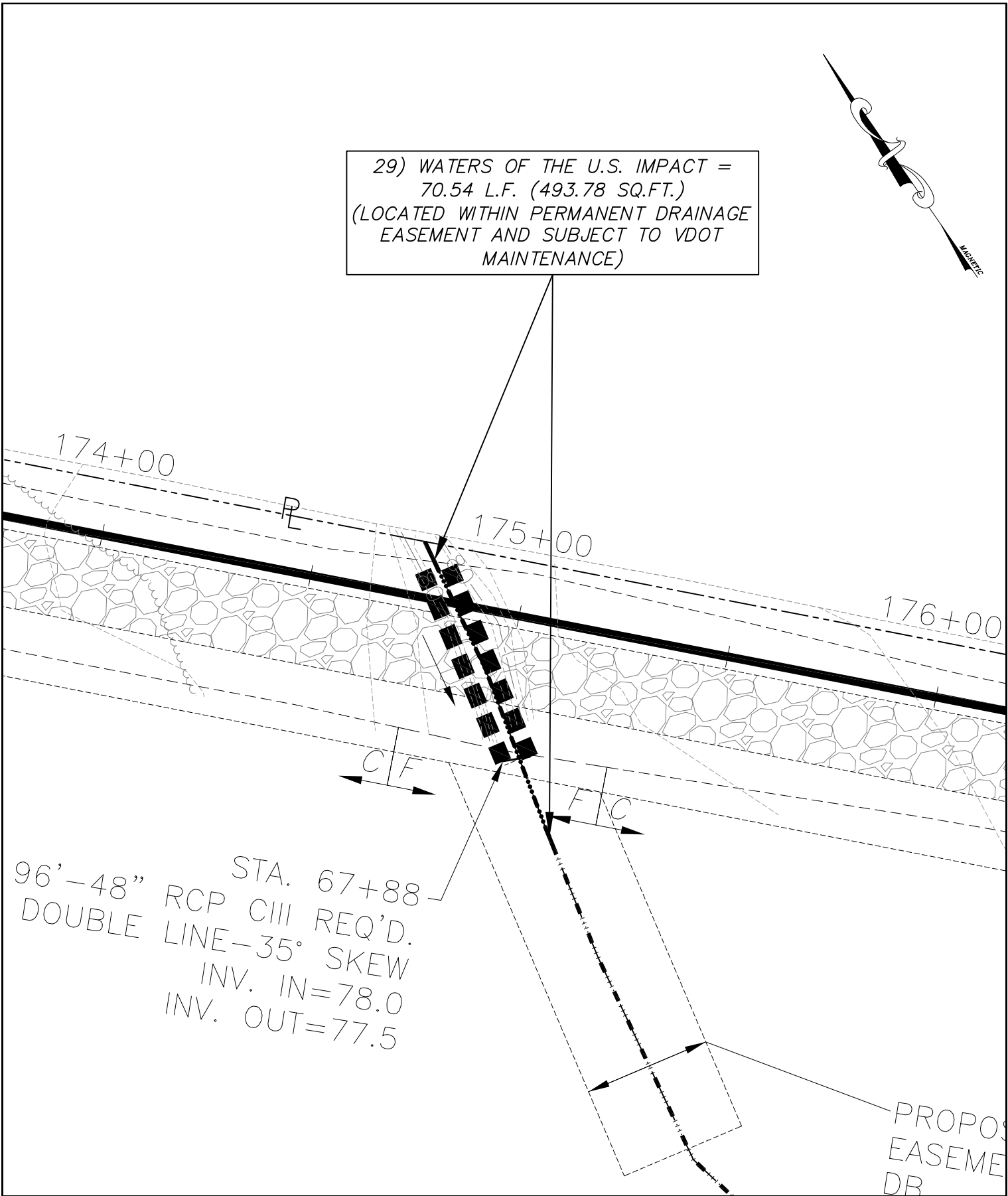
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SHEET NO. 17 OF 17		CHECKED BY J. SWANN	DRAWN BY J. SWANN	DESIGNED BY	

WETLAND IMPACTS MAP - DETAIL

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